

Title (en)

REACTIVE RED DYES CONTAINING MONOCHLOROTRIAZINE AND ACETOXYETHYL SULFONE GROUPS

Title (de)

REAKTIVROTFARBSTOFFE ENTHALTEND MONOCHLORTRIAZINE SOWIE ACETOXYETHYLSULPHONGRUPPEN

Title (fr)

COLORANTS REACTIFS ROUGES CONTENANT DES GROUPES MONOCHLOROTRIAZINE ET ACETOXYETHYLSULFONE

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Application

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Abstract (en)

[origin: WO9948983A1] The present invention relates to a bifunctional red reactive dye and more particularly, to the bifunctional red reactive dye with monochlorotriazine and acetoxyethylsulfone as reactive groups expressed by formula (I), wherein, M is alkaline metal atom, which provides excellent combination of properties in that 1) the introduction of aminophenyl- beta -acetoxyethylsulfone group to the dye may minimize the loss of dye, since its low solubility to water lessens the amount of the remaining solution during filtration, 2) an easier salting-out process requires a smaller amount of salt during the process so that the costs for the treatment of waste water may be significantly reduced, and 3) a better dyeing yield with enhanced substantivity and better brightness in color.

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